



STATE OF MISSOURI  
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED  
FORM OGC-3

APR 04 2012

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Kansas Resource Exploration and Development, LLC

Mo Oil & Gas Council  
DATE 04/02/2012

ADDRESS

9393 West 110th St., Suite 500

CITY

Overland Park

STATE

KS

ZIP CODE

66210

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

Belton Unit

WELL NUMBER

AD-31

ELEVATION (GROUND)

1078 feet

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

2396 ft. from ☐ North ☒ South section line 2342 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 9 Township 46 North Range 33 ☐ East ☒ West

LATITUDE

N38 49' 25"

LONGITUDE

N94 34' 28"

COUNTY

Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 250 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 443 FEET

PROPOSED DEPTH

700'

DRILLING CONTRACTOR, NAME AND ADDRESS

Utah Oil, LLC

ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WORK WILL START

04/06/2012

NUMBER OF ACRES IN LEASE

560

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 94  
NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME DE Exploration

ADDRESS 4595 Highway K33, Wellsville, KS 66092

NO. OF WELLS PRODUCING 50

INJECTION 28

INACTIVE 15

ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL  
AMOUNT \$

☒ BLANKET BOND o/k  
AMOUNT \$ 80,000

☒ ON FILE  
☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8 5/8"	20	6 sks	20'	8 5/8"	20	Full
700'	4 1/2"	11.6	125 sks	700'	4 1/2"	11.6	Length

o/k/kc  
4/3/12

I, the Undersigned, state that I am the C.O.O. of the K.R.E.D. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

TBK

DATE

04/02/2012

PERMIT NUMBER

037-20912

APPROVED DATE

4-18-12

APPROVED BY

Joseph A. Miller

☒ DRILLER'S LOG REQUIRED

☒ CORE ANALYSIS REQUIRED IF RUN

☐ SAMPLES REQUIRED

☒ SAMPLES NOT REQUIRED

☐ WATER SAMPLES REQUIRED AT

☒ E-LOGS REQUIRED IF RUN

☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN

NOTE

THIS PERMIT NOT TO BE LOANED TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

B. Leech

DATE

04/02/2012

MO 780-0211 (3-11)

REMIT ONE (1) COPY TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573-368-2143.

Belton 38.8236  
- 74.5744

# RECEIVED

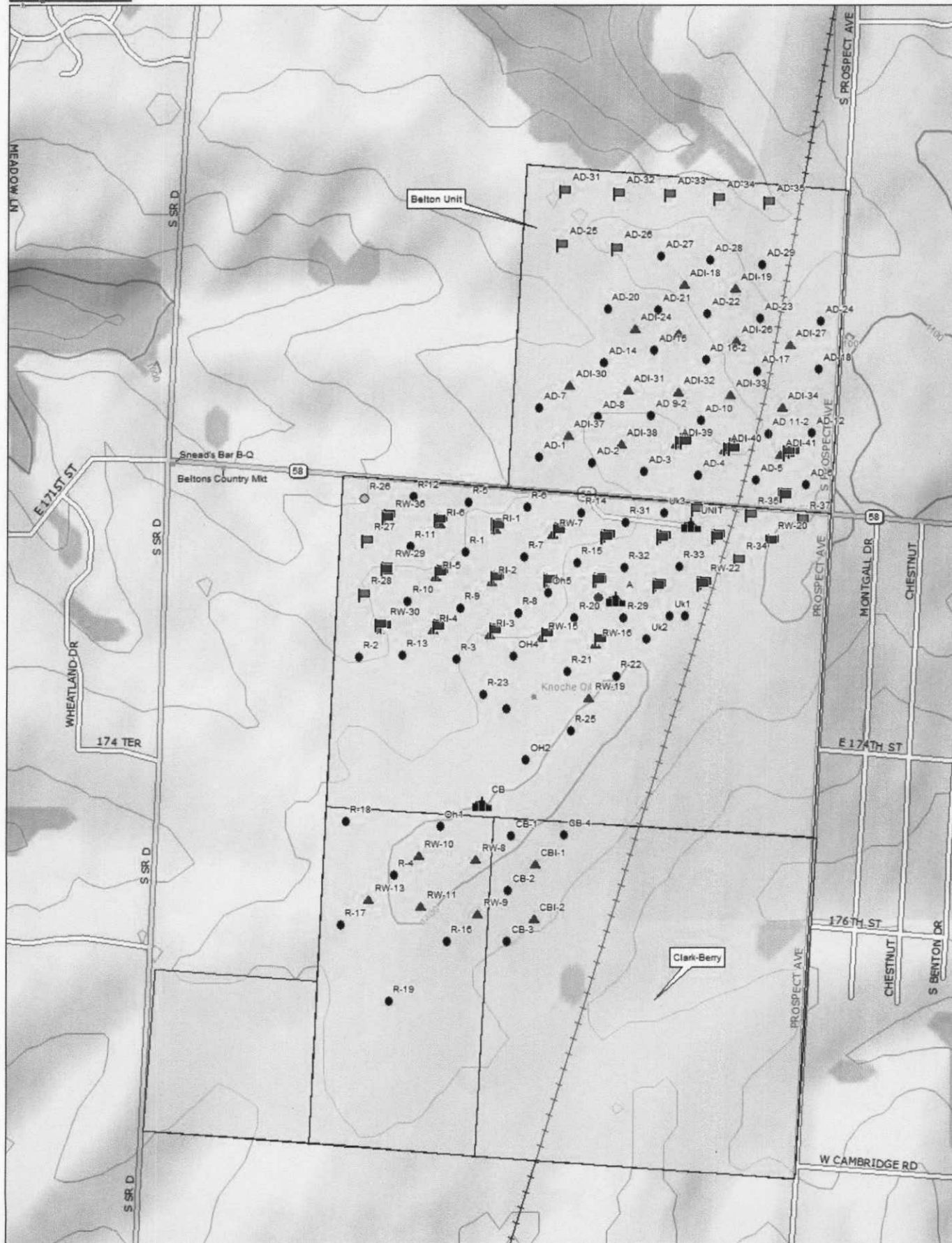
APR 16 2012



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**WELL LOCATION PLAT**

Mo Oil & Gas Council FORM OGC-4

OWNER'S NAME Kansas Resource Exploration & Development					
LEASE NAME Belton Unit AD-31	COUNTY Cass				
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 2396 ft. from <input type="checkbox"/> North <input checked="" type="checkbox"/> South from section line 2342 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line					
WELL LOCATION Sec. 9 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West					
LATITUDE N38 49' 25.316"	LONGITUDE W94 34' 28.275"				
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="position: absolute; left: 10%; top: 50%;">special project status</p> <p style="position: absolute; left: 10%; top: 60%;">1 Square = 660'</p> <p style="position: absolute; left: 45%; top: 35%;">Section 9</p> </div> <div style="width: 65%;"> <p style="position: absolute; left: 55%; top: 50%;">OK</p> <p style="position: absolute; left: 60%; top: 48%;">AD-31</p> <p style="position: absolute; left: 68%; top: 48%;">AD-32</p> <p style="position: absolute; left: 60%; top: 55%;">AD-25</p> <p style="position: absolute; left: 78%; top: 53%;">2342'</p> <p style="position: absolute; left: 60%; top: 65%;">2342'</p> </div> </div>					
REMARKS					
<p align="center"><b>INSTRUCTIONS</b></p> <p>On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.</p>	<p>This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.</p>				
<p align="center">REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">REGISTERED LAND SURVEYOR</td> <td style="width: 40%;">NUMBER</td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table>	REGISTERED LAND SURVEYOR	NUMBER		
REGISTERED LAND SURVEYOR	NUMBER				



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STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

FORM OGC-5

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒ OIL ☐ GAS ☐ DRY

OWNER  
Kansas Resource Exploration & Development, LLC  
ADDRESS  
9393 W. 110th St., Ste #500, Overland Park, KS 66210

LEASE NAME  
Belton Unit  
WELL NUMBER  
AD-31

LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY  
Sec. 9 Twp 46 North, Rng 33 ☐ East ☒ West OR 2396 ft. from ☐ North ☒ South 2342 ft. from ☒ East ☐ West  
LATITUDE 138 49.25 LONGITUDE 194 34.28

COUNTY PERMIT NUMBER (OGC-3 OR OGC-31)  
Cass 037-20912

DATE SPUDDED 6/25/2012 DATE TOTAL DEPTH REACHED 6/26/2012 DATE COMPLETED READY TO PRODUCE OR INJECT 2/10/13 ELEVATION (DF, RKR, RT, OR Gr.) FEET 1078 ELEVATION OF CASING HD. FLANGE FEET 1078  
TOTAL DEPTH 701 PLUG BACK TOTAL DEPTH 687.75

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION 588-601, 1588 ROTARY TOOLS USED (INTERVAL) 0 TO 701 CABLE TOOLS USED (INTERVAL) N/A

WAS THIS WELL DIRECTIONALLY DRILLED? ☐ Yes ☒ No WAS DIRECTIONAL SURVEY MADE? ☐ Yes ☒ No WAS COPY OF DIRECTIONAL SURVEY FILED? ☐ Yes ☒ No DATE FILED N/A

TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST)  
Gamma Ray/Neutron/CCL DATE FILED 11/25/2013

**CASING RECORD**

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	12 1/4"	8 5/8"	20#	23.2	8	0
Longstring	6 1/2"	4 1/2"	10.5#	687.75	102	0

**TUBING RECORD**

SIZE 2 3/8 INCH DEPTH SET FEET Packer Set At FEET N/A SIZE N/A INCH TOP N/A FEET BOTTOM N/A FEET SACKS CEMENT N/A SCREEN N/A FEET

**LINER RECORD**

**PERFORATION RECORD**

**ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD**

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3 3/8" DP 23 GR.	588-601	60 sks, 20/40 sand	588-601

**INITIAL PRODUCTION**

DATE OF FIRST PRODUCTION OR INJECTION 2/20/2013 PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.) Pumping

DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST	GAS PRODUCED DURING TEST	WATER PRODUCED DURING TEST	OIL GRAVITY
	24	N/A	2 BBLS	0 MCF	5 BBLS	24 API (CORR.)
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS	OIL	GAS	WATER	GAS OIL RATIO
0	0	2	2 BBLS	0 MCF	5 BBLS	0

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

Vented

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Air dry

**CERTIFICATE:** I, the Undersigned, state that I am the Chief Operating Officer of the KRED LLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DATE 11/25/2013 SIGNATURE

MO 780-0215 (8-06)

REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 (573) 368-2143.

(REV 8-06)



**INSTRUCTIONS:** Attach drillers log or other acceptable log of well.

- \* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**DETAIL OF FORMATIONS PENETRATED**

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
See Attached Logs			

# Belton Unit AD-31

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
8	Topsoil		8	14	SAND	Bleeding Good	615 Bottom Sp
32	Lime		40	26	Shale	Little Sand no Bleed	641 Verdigris
20	Shale		60	66	Shale		701 Oakley
14	Lime		74			TD	
26	Shale		100			701	
21	Lime		121				
8	Shale	SANDY	129				
9	Lime		138				
30	Shale		168				
2	Lime		170				
3	Shale		173				
6	Lime		179				
2	Shale	Limy	181				
16	Lime		197				
9	Shale	DARK	206				
17	Lime		223				
6	Shale		229				
2	Lime		231				
2	Shale		233				
5	Lime	He	238		Pawnee Lime		
193	Shale		431		Lapelle Shale		
2	Lime		433		Higginsville Lime		
13	Shale		444		Summit Coal 440-441		
10	Lime		456		Blackjack Creek Lime		
5	SAND		461				
12	Shale	Limy	473		Mulkey Coal 471-472		
1	Lime		474				
2	Shale	Limy	476				
7	Shale	DARK	483				
2	Lime		485				
16	SAND	Bleeding <sup>BROKEN</sup> Good	501		Top Squirrel Sand		
20	Shale		521				
30	Shale	Little Sand	551				
10	Shale	no Bleed	561				
40	Shale		601				

